

fade[®] acoustic plaster

CASE STUDY: ntu cosmology hall , taiwan

ARCHITECT: Kris Yao | LOCATION: Taipei, Taiwan | COMMENT: 1,000m² plus+

The NTU Cosmology Hall located in Taipei, Taiwan, designed by the architect Kris Yao and build 2018.

Walking around Taipei in Taiwan you will come across a futuristic looking building with the depths of the vertical sunshades varying in a progressive sequence, to create an illusion of a sphere inside the cube that can be seen outside as one moves around the building.

The architect wanted to create a building that would seek harmony with the surrounding environment while visually give an experience of a dynamic and changing facade.

A design that primarily consists of concrete and metal is not great for indoor acoustics. fade[®] Acoustic Ceilings was involved early in the design process and provided guidance and technical proposals.

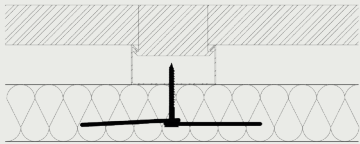
The result is around 1,000m² fade[®] Acoustic Plaster. As the architect wanted the ceiling to be "heard but not seen" they opted for our ultra smooth fade[®] Acoustic *plus+*.



ntu cosmology hall, taiwan

INSTALLATION METHOD

* Type A - Direct-to-grid installation:



25mm (1") acoustic boards have been installed direct-to-grid with fade® Special Washers.

fade® Acoustic Plaster *plus* has been spray applied in two layers to a total thickness of 3mm (1/8").

PROJECT | TECHNICAL DATA



Plus+ Luminous Reflectance
Factor: CIELAB L 93%



Plus+ color:
NCS S 0300-N



A2-s1,d0 as per EN 13501
2007+A1:2009



NRC for the Type E (E Mount),
25mm (1") direct-to-grid
system.

25mm (1") fade® PLUS+ - Suspended - Type E 200 (E Mount)

Absorption class	B
α_w	0.85
NRC	0.80

